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Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SOLID ELECTROLYTE COMPOSITE FOR ELECTROCHEMICAL REACTION APPARATUS
the specification of which

(check one)

☐ is attached hereto.

☒ was filed on March 6, 1998

Application Serial No. 09/036,509

and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/928,207</u> (Application Serial No.)	<u>September 12, 1997</u> (Filing Date)	<u>Pending</u> (Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

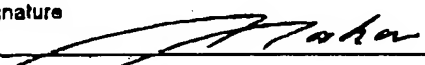
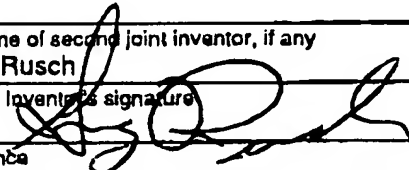
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Gary A. Samuels, 20,811; John S. Campbell, 28,366; Victor M. Genco, Jr. 34,335; David J. Johns, 31,527; Wayne D. House, 34,623; Eric J. Sheets, 30,326; Carol A. Lewis White, 33,306; Allan M. Wheatcraft; 36,307

Send Correspondence to: Allan M. Wheatcraft, Esquire., W. L. Gore & Associates, Inc., 551 Paper Mill Road, Newark, DE 19714-9206

Direct Telephone Calls to: Allan M. Wheatcraft (302) 738-4880

Full name of sole or first inventor Bamdad Bahar	
Inventor's signature 	Date Nov. 2 - 98
Residence 135 Independence Drive, Elkton, MD 21921	
Citizenship USA	
Post Office Address 135 Independence Drive, Elkton, MD 21921	
Full name of second joint inventor, if any Greg Rusch	
Second Inventor's signature 	Date Nov 2 1998
Residence 234 Goldfinch Turn, Newark, DE 19711	
Citizenship USA	
Post Office Address 234 Goldfinch Turn, Newark, DE 19711	

(Supply similar information and signature for third and subsequent joint inventors.)

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Application Serial N .)	(Filing Date)	(Status) (patented, pending, abandoned)
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Allan M. Wheatcraft; 36,307

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Direct Telephone Calls to: Allan M. Wheatcraft, Esquire, (302) 738-4880

Full name of third joint inventor, if any Jeffrey Kolde	
Third Inventor's signature 	Date Nov. 2 1998
Residence 64 Insley Way, Baltimore, MD 21236	
Citizenship USA	
Post Office Address 64 Insley Way, Baltimore, MD 21236	
Full name of fourth joint inventor, if any Hiroshi Kato	
Fourth Inventor's signature	Date
Residence 508-18 Seki, Okayama-Shi, Okayama-Ken 703, Japan	
Citizenship Japan	
Post Office Address 508-18 Seki, Okayama-Shi, Okayama-Ken 703, Japan	

(Supply similar information and signature for third and subsequent joint inventors.)

4/4

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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Direct Telephone Calls to: Allan M. Wheatcraft, Esquire, (302) 738-4880

Full name of third joint inventor, if any Jeffrey Kolde	
Third inventor's signature	Date
Residence 64 Insley Way, Baltimore, MD 21236	
Citizenship USA	
Post Office Address 64 Insley Way, Baltimore, MD 21236	
Full name of fourth joint inventor, if any Hiroshi Kato	
Fourth inventor's signature <i>Hiroshi Kato</i>	Date <i>October 30, 1998</i>
Residence 508-18 Seki, Okayama-Shi, Okayama-Ken 703, Japan	
Citizenship Japan	
Post Office Address 508-18 Seki, Okayama-Shi, Okayama-Ken 703, Japan	

(Supply similar information and signature for third and subsequent joint inventors.)



UNITED STATES DEPARTMENT OF COMMERCE
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ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

AUGUST 19, 2003

PTAS

MORGAN & FINNEGAN, LLP
ERIC G. WRIGHT
345 PARK AVENUE
NEW YORK, NY 10154



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UNITED STATES PATENT AND TRADEMARK OFFICE
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/18/2003

REEL/FRAME: 013883/0860
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BAHAR, BAMDAD

DOC DATE: 07/15/2003

ASSIGNOR:

RUSCH, GREG

DOC DATE: 07/29/2003

ASSIGNOR:

KOLDE, JEFFREY

DOC DATE: 07/29/2003

ASSIGNOR:

KATO, HIROSHI

DOC DATE: 07/17/2003

ASSIGNEE:

GORE ENTERPRISE HOLDINGS, INC.
551 PAPER MILL ROAD
P.O. BOX 9206
NEWARK, DELAWARE 19714

SERIAL NUMBER: 09828866
PATENT NUMBER:

FILING DATE: 04/10/2001
ISSUE DATE:

013883/0860 PAGE 2

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-18-2003 02:28pm From-MORGAN&FINNEGAN

08/18/2003 2028573730

T-358 P.002/007 F-004

700040683

Any. Docket No. 0769-4624US4

RECORDATION FORM COVER SHEET PATENTS ONLY

To The Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

<p>1 Name of conveying party(ies):</p> <p>Bamlad Bahar Greg Rusch Jeffrey Kolde Hiroshi Kato</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2 Name and address of receiving party(ies):</p> <p>Name: Gore Enterprise Holdings, Inc. Address: 551 Paper Mill Road P.O. Box 9206 Newark, Delaware 19714</p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3 Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment</p> <p><input type="checkbox"/> Other</p> <p>Execution Date(s): July 15, 2003, July 17, 2003 & July 29, 2003</p>	<p>4 Patent Application number(s)</p> <p>09/828,866</p> <p>Execution Date(s): October 30, 1998 & November 2, 1998</p>
<p>5 Name and address of party to whom correspondence concerning document should be mailed.</p> <p>Name: Eric G. Wright Address: Morgan & Finnegan, LLP 345 Park Avenue New York, New York 10154</p>	<p>6 Total number of applications involved: 1</p> <p>7 Total fee (37 CFR 3.41): \$40.00</p> <p><input type="checkbox"/> A check in the amount of _____ is enclosed.</p> <p><input checked="" type="checkbox"/> Charge to Deposit Account No.13-4500, Order No. 0769-4624US4.</p> <p><input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account 13-4500, Order No. 0769-4624US4. (A duplicate copy of this sheet is enclosed).</p>

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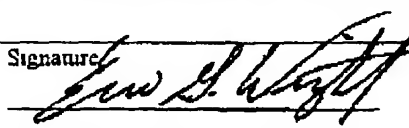
8 Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

Name of Person Signing

Signature

Date

Eric G. Wright



August 18, 2003

Reg. No. 48,045

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C11 \$40.00 134500 09828866

ASSIGNMENT

WHEREAS, We Bamdad Bahar, Greg Rusch and Jeffrey Kolde, citizens of the United States of America, residing at 2906 Cox Neck Road East, Chester, MD 21619; 234 Goldfinch Turn, Newark, DE 19711; and 108 Fernwood Drive, Avondale, PA 19311; as assignors have made an invention entitled **SOLID ELECTROLYTE COMPOSITE FOR ELECTROCHEMICAL REACTION APPARATUS**, for which We have executed an application for United States Letters Patent; and

WHEREAS, Gore Enterprise Holdings, Inc., a corporation of Delaware, whose post office address is 551 Paper Mill Road, P.O. Box 9206, Newark, Delaware 19714, as assignee, is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, We as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, our entire rights, titles, and interests in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue Patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, We hereby covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

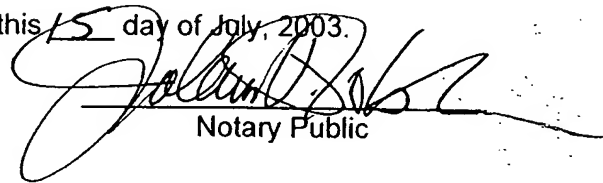
AND, We hereby further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue application, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the testifying and execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15th day of July, 2003.


Bamdad Bahar

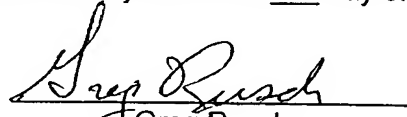
County of Sussex)
State of Delaware) ss:

Subscribed and sworn to before me this 15 day of July, 2003.


Notary Public

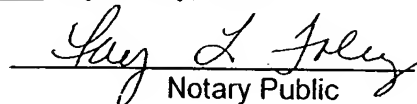
Johanna V. Noble
Notary Public Delaware
My Commission Expires 01/08/04

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of July, 2003.


Greg Rusch

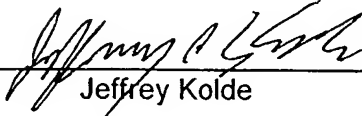
County of Cecil)
State of Maryland) ss:

Subscribed and sworn to before me this 29th day of July, 2003.


Notary Public

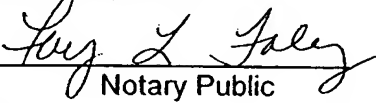
My Commission Expires: 5-1-06

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of July, 2003.


Jeffrey Kolde

County of Cecil)
State of Maryland) ss:

Subscribed and sworn to before me this 29th day of July, 2003.


Notary Public

My Commission Expires: 5-1-06

ASSIGNMENT

WHEREAS, I, Hiroshi Kato, residing at 508-18 Seki, Okayama-Shi, Okayama-Ken 703, Japan, as assignor have made an invention entitled, **Solid Electrolyte Composite For Electrochemical Reaction Apparatus**, for which I have signed papers for application of U.S. Letters Patent; and whereas JAPAN GORE-TEX, INC., of Tokyo, Japan, whose address is 42-5, 1-Chome, Akazutsumi, Setagaya-Ku, Tokyo 156, Japan, as assignee, is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I as assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, my entire rights, titles, and interests in and to this invention and this application and all divisions and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue Patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement;

AND, I hereby covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I hereby further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called up to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue application, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of July, 2003.

Hiroshi Kato
Hiroshi Kato